

# INDIANA ARCHITECT

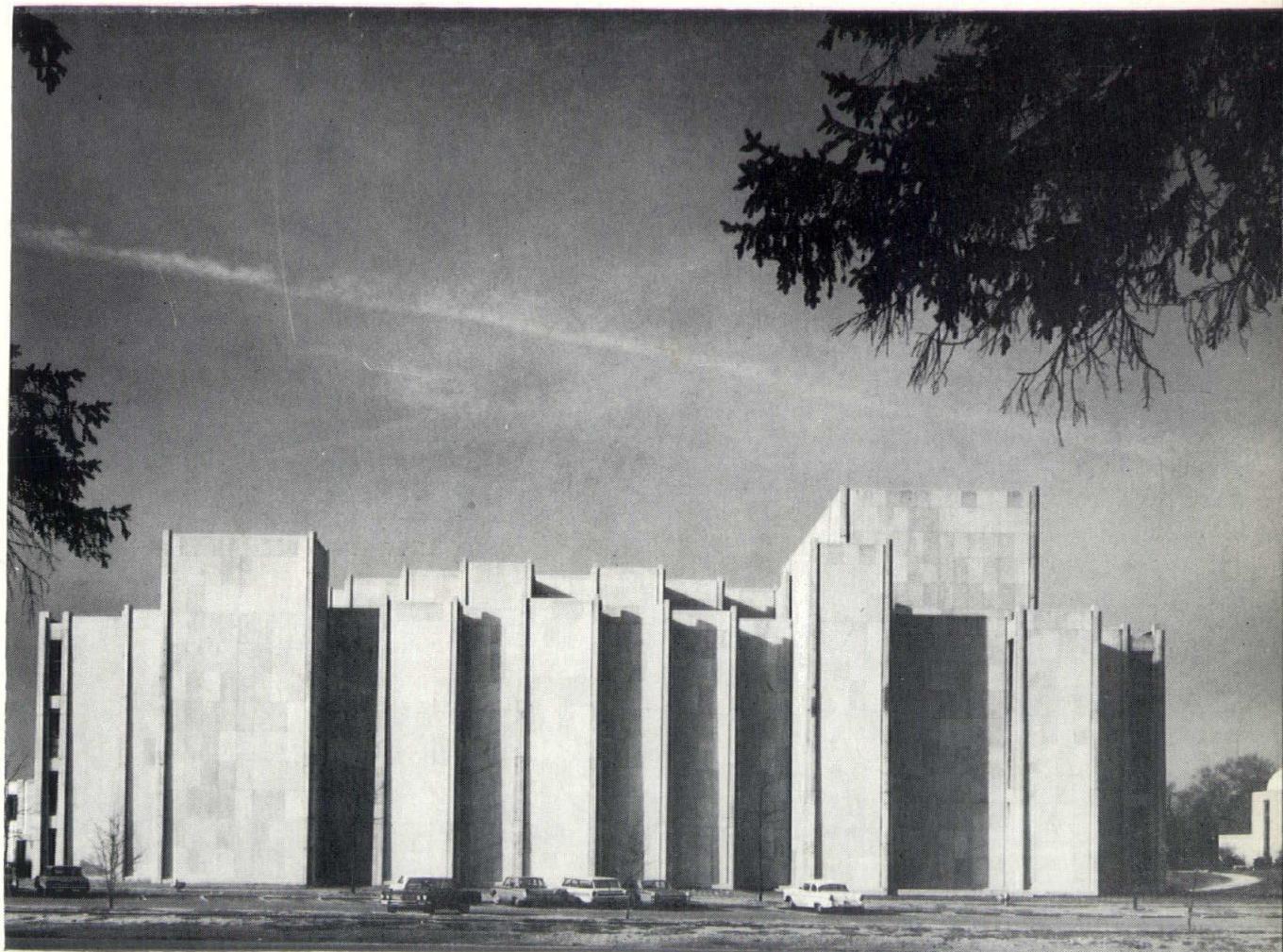


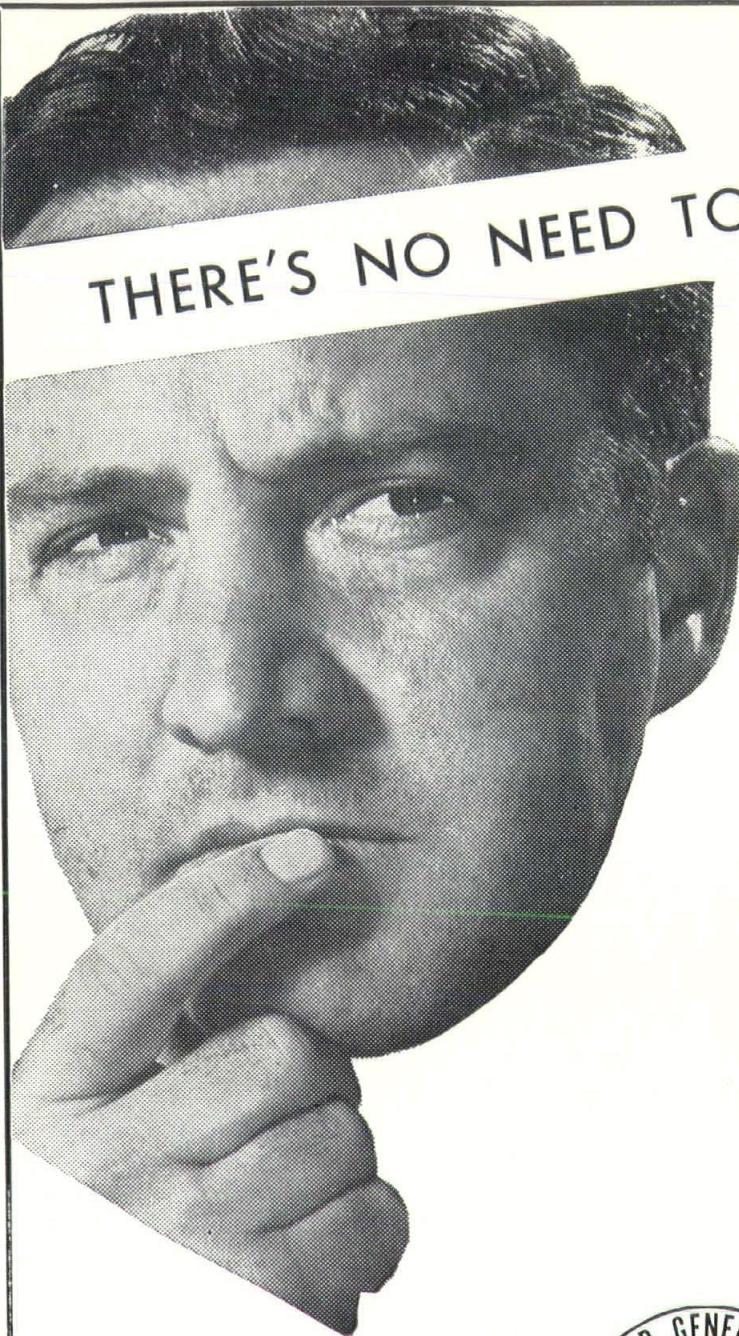
MAY, 1966

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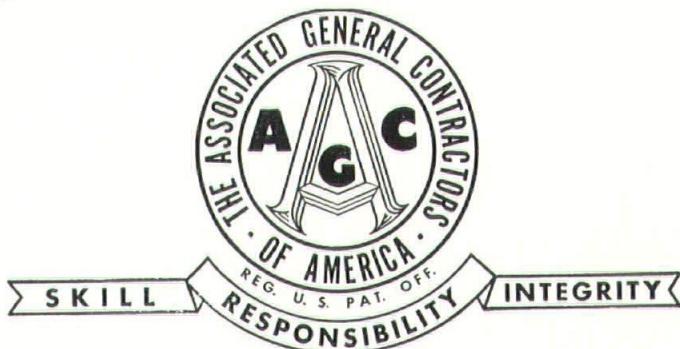
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# INDIANA ARCHITECT



Official Journal, The Indiana Society of Architects,  
The Northern Indiana Chapter, The Central-Southern  
Indiana Chapter, and the Indianapolis Chapter of The  
American Institute of Architects.

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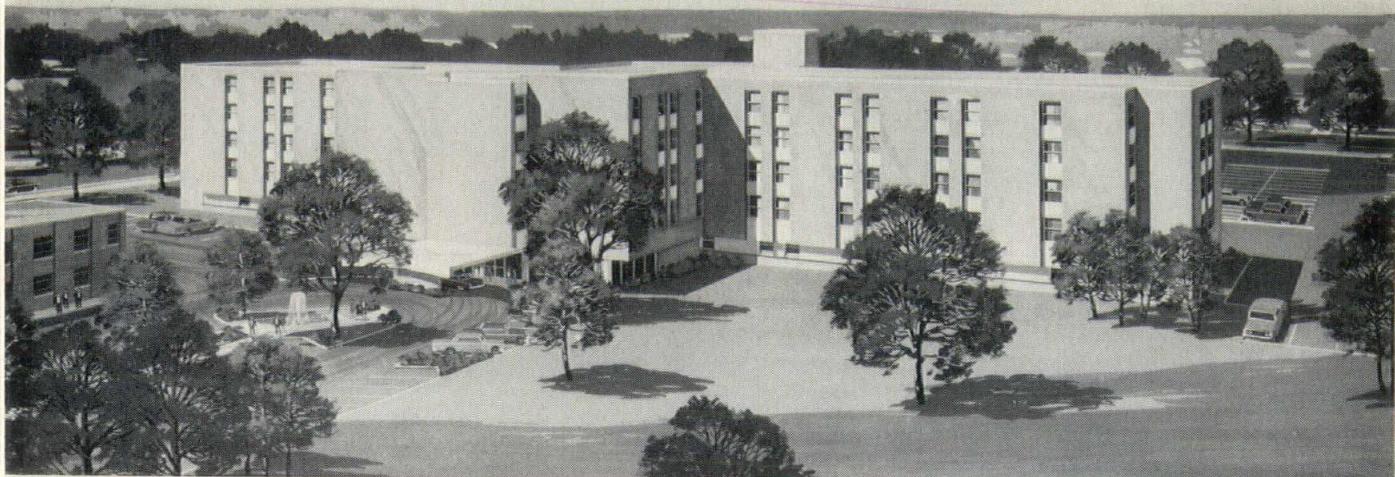
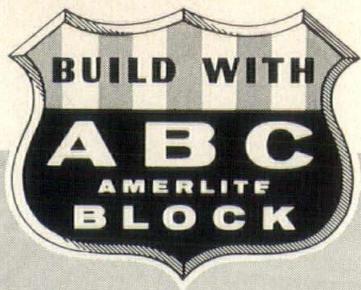
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## Concerning The Cover

Clowes Hall, Butler University, Indianapolis: John M. Johansen and Evans Woollen, Associated Architects; Honor Award, 1965 ISA Triennial Honor Awards Program.



WINONA MEMORIAL HOSPITAL, Indianapolis; Architect—Louis G. Ost Jr., Memphis; General Contractor—Wallace E. Johnson Inc., Memphis.

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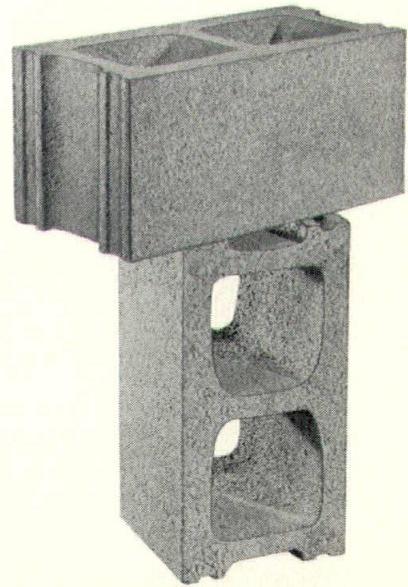
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# **Wayne Weber**

## **Elevated to**

## **Fellowship**

The elevation to Fellow of The American Institute of Architects of Lafayette Architect Wayne M. Weber has been announced by the College of Fellows in Washington, D.C. The honor will be bestowed formally at the AIA Annual Convention in Denver in June.

One of approximately sixty architects in the nation similarly honored this year, Mr. Weber's elevation is in recognition of his public service and service to the Institute.

Mr. Weber was a member of the Board of the Indiana Society of Architects Chapter (now called the Central-Southern Indiana Chapter) from 1959 through 1964, and was elected president of the Chapter in 1960-61 and 1961-62.

In addition to serving on many Chapter and State Association Committees over the years, Mr. Weber has served four years on the AIA Committee on School and College Architecture, was co-chairman of the Committee's program and workshop on the exceptional child, and chairman of the selection jury for the 1963 architectural exhibit at the NSBA convention in Atlantic City. He has also been a member (and currently Secretary) of the East Central Regional Council.

In the area of public service, his activities included president of the Terre Haute Redevelopment Commission, member of the Mayor's Committee on a Municipal Building Code, and member of the Mayor's Committee on Co-ordination of Transportation and Civic Planning.

Mr. Weber joins ten other distinguished Indiana architects similarly honored: Mr. Warren Miller of Terre Haute, Mr. Walter Scholer, Sr., of Lafayette, Mr. Charles Betts, Mr. Merritt Harrison, Mr. Edward James, Mr. Edward Pierre, and Mr. George Wright, all of Indianapolis, Mr. Paul Jernegan of Mishawaka, Mr. Raymond Kastendeick of Gary and Mr. Frank Montana of South Bend.



**WAYNE M. WEBER, AIA**

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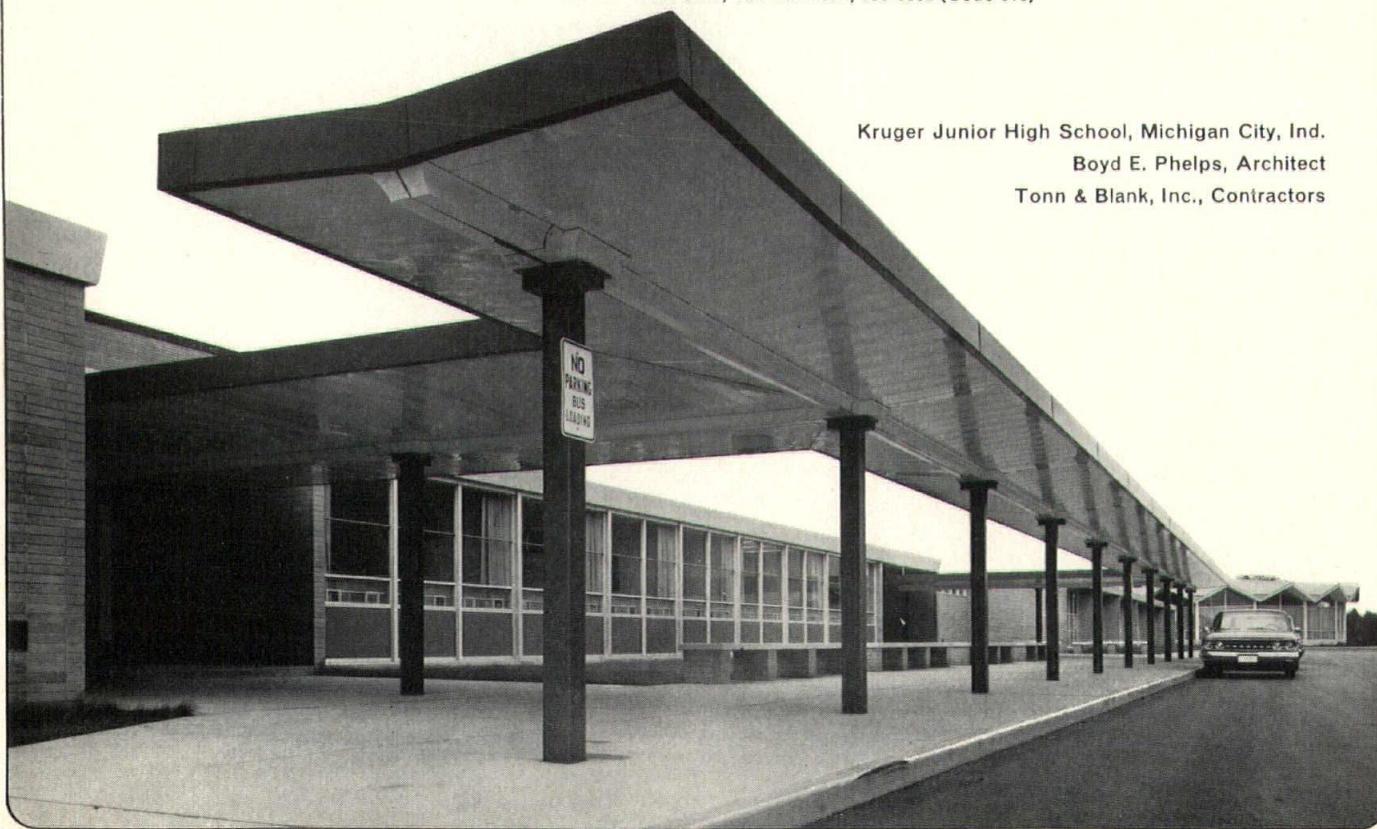
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# **Construction Procedures**

## **Recommended by**

### **SA-IGCA Joint Committee**

The Joint Committee of the Indiana Society of Architects and the Indiana General Contractors Association (AGC) has met regularly for a number of years in a continuing attempt to resolve mutual problems in building construction in Indiana. Leading representatives of both organizations have served on this committee, and have carefully outlined the major areas of friction within the construction industry, and then attempted through discussion and mediation to find solutions for specific problems within these areas.

Periodically the progress of this committee has

been reviewed by the Boards of Directors of both organizations and by the general memberships of both organizations at conventions.

To date, twenty-five different items have been considered by the committee and a statement on each prepared. Each of these statements has been approved for recommendation to all Indiana architects and members of the construction industry.

The following computation of these items has been divided into four major sections, General, Bidding, Contract Award and Construction Phase, for ease of reference.

\* \* \*

#### **I. GENERAL**

##### **A. Standard Specifications Outline:**

It is recommended that "The Construction Specifications Institute's Format for Construction Specifications" be utilized by all architects.

##### **B. Single Contract vs Separate Contract:**

The letting of a single contract for building construction is considered to be the most efficient method. However, it is recognized that some owners prefer the letting of separate contracts for mechanical and electrical work. In instances where the owner insists upon the letting of separate contracts for mechanical and electrical work, the preferred method will be to take bids for the mechanical and electrical work in advance of the taking of bids for the general contract with the understanding that the successful general contractor will assume such subcontracts, either by assignment or will act as the owner's agent and the person to whom said electrical and mechanical contractors will be directly responsible, and as such agent will supervise and coordinate such subcontractors and approve all payments made to such subcontractors. Any fee which the general contractors might charge either for assuming such subcontracts or serving as the owner's agent in supervising such subcontractors shall be

included in the general contractor's lump sum bid.

##### **C. "Or Equal Clause":**

In public work the architect shall name three or more brands which he considers to be of equal quality and shall state that voluntary alternates are not encouraged or invited. Any manufacturer whose product is not listed desiring to have his product considered as an equal shall cause the same to be submitted through a prime contractor to the architect in ample time for the architect to investigate such product and, if approved, to notify all bidders by addendum.

##### **D. Alternates:**

Alternates shall be kept to a minimum.

##### **E. Unit Prices:**

The practice of requiring unit prices is discouraged. However, in those instances where necessary, they shall be on an add and deduct basis. The units upon which the prices are based shall be specifically described.

##### **F. Starting and Completion Dates:**

Where time is of the essence, the specifications shall specify the latest date that a "notice to

proceed" will be given and the calendar date by which completion shall be required. Should the notice to proceed be delayed past the stated date, a new completion date or any added cost required to meet the stated completion date shall be negotiated.

#### **G. Contractor's Responsibility for Work Shown on Drawings & Specifications**

All work which pertains to the general contractor shall be shown on his drawings and/or mentioned in his specifications. When the general contractor is held responsible for any work shown only on the electrical or mechanical plans, the specifications shall call attention to that fact and such plans shall be furnished to him as part of the general construction documents.

#### **H. Temporary Wiring and Power:**

Furnishing of temporary power including wiring and lamp bulbs shall be the responsibility of the Electrical Contractor and the minimum requirements shall be set forth in the general requirements of the specifications. The cost of electricity and lamp bulbs shall be prorated in accordance with the dollar amount of each of the Prime Contracts.

#### **I. Furnishing Temporary Heat:**

Each prime contractor shall furnish all heating units and fuel to properly heat his work during the early stages of construction. When any portion of a building under construction is enclosed, the heating contractor shall furnish, operate and maintain temporary heat sufficient to meet the requirements of all trades. The cost of all fuel consumed after the building is enclosed shall be prorated in accordance with the dollar amount of the Prime Contracts.

#### **J. Temporary Water Connections:**

The Mechanical Contractor shall provide a temporary water connection to a point within the building as specified. The cost of the water is to be paid by the general contractor.

### **II. BIDDING**

#### **A. Selection of Bidders on Private Work:**

The architect should be selective when inviting bids on private work by requesting only responsible contractors to bid. Six bidders for any prime contract should produce good competitive quotations.

If a qualified contractor is invited to bid and is the low bidder, he shall be awarded the contract.

The practice of taking competitive bids when the

contractor is already selected is condemned. To discourage this procedure, it was generally agreed that every effort to be made to provide for the public opening of bids.

#### **B. Furnished Drawings and Specifications to Bidders:**

For bidding purposes the contractors who are invited to bid shall be provided with at least two complete sets of drawing and specifications for all divisions of the work either at no charge to the contractor or for a stipulated deposit, which deposit shall be wholly refunded upon the return of the drawings and specifications in usable condition, provided a bid is submitted. If no bid is submitted, then the contractor shall not only return the drawings and specifications in usable condition, but shall also pay the cost of printing.

#### **C. Quantity and Voluminosity of Addenda:**

The issuance of addenda shall be kept to a minimum and the practice of their issuance is to be discouraged whenever possible.

#### **D. Time for Issuing Addenda:**

No addenda to specifications shall be issued within five (5) days of the due date without extending the due date.

#### **E. Time for Bid Openings:**

Bids shall not be received on Monday or any day following a holiday. The preferable time during the day is between the hours of 2 and 5 P.M.

#### **F. Receiving Bids-Returning Late Bids:**

Whenever competitive bids are requested on either public or private work, bids shall be opened at the time for receiving bids and in the presence of the bidders, and all bids received after the due time shall be returned unopened.

#### **G. Sub-Contractor Lists:**

If listing of sub-contractors at time of bidding is desired, each general contractor shall submit with his bid only the names of the mechanical specialty subcontractors to whom he proposes to subcontract the plumbing, heating, piping, ventilation, air conditioning, elevators and electrical work, or any combination thereof. Within seven (7) days after the opening of the bids, all bidders, unless otherwise notified by the contracting officer, shall submit to the contracting officer the name of each subcontractor and major material suppliers as listed and requested by the contracting officer, excluding those subcontractors named with the bid.

The bidder may list himself if it is his intention to

perform one or more of the listed categories of work and can demonstrate that he has previously performed such work with personnel on his own payroll.

If such listing of the sub-contractors at the time of receipt of bids is desired, the architect shall instruct the sub-contractors affected to submit to the general contractor bidders at least 48 hours prior to bid opening an outline of the scope of the work upon which said sub-contractor intends to bid to the general, such outline not to include the bid amount.

### III. CONTRACT AWARD

#### A. Revisions After Bidding:

When alternatives or revisions to the plans are required after the bids have been taken, negotiations shall be held only with the low bidder; otherwise, the project shall be rebid.

#### B. Subcontractor Not Acceptable to Architects:

The provisions of the General Conditions of the Contract for the Construction of Buildings of the American Institute of Architects referring to the acceptability of subcontractors to the architect shall be followed.

### IV. CONSTRUCTION PHASE

#### A. Furnish Drawings and Specifications After Bidding:

Architects shall furnish free of cost to all prime contractors sufficient copies of plans and specifications for the construction of the building.

#### B. Changes in the Work:

The preferred practice shall be for the architect to include in his specifications three methods for computing the value of changes in the work; namely:

- (A) By estimate and acceptance in a lump sum
- (B) By unit prices named in the contract or subsequently agreed upon
- (C) By cost (breakdown of labor, material and equipment) and percentage or fixed fee for overhead and profit.

It being understood that the architect may elect to base the charge to be made for extra work upon any one of the foregoing three methods in each instance of change, and that in connection therewith it shall be specified that:

1. With reference to item (c) above, any extraordinary computations and engineering which the contractor is called upon to do in connection with the changes and which are not called for in the

contract should be paid for, and the architect shall insist that his client pay for such extraordinary requirements in connection with the change order.

2. With reference to item (c) above, it is recognized that on the work of remodeling a structure there are frequently hidden structural items not evident by observation. In such instances the contractor shall be paid for the extra work involved in connection with such structural items which are not evident by observation.

3. With reference to item (c) above, in making the computation of the charge to be made in connection with the change order, any extenuating circumstances in connection therewith should be identified, enumerated and clarified separately in estimating the cost of the change.

4. No breakdown of the cost under item (c) above should be required in instances where the total charge does not exceed \$500.00.

5. The architect should closely observe the provisions of the AIA General Conditions having reference to the extension of time for completion due to change orders and strictly comply therewith.

#### C. Use of Sample Forms:

In connection with change orders or otherwise where unusual and extraordinary information is to be elicited from the bidder or the contractor, the specifications shall include sample forms for reporting such information.

#### D. Payment to Subcontractors:

Unless extenuating circumstances exist of which the architect and/or owner has knowledge, payments to subcontractors shall be made in accordance with contract terms.

#### E. Retainage:

The system of retainage approved by the AIA and the AGC at the national level; namely, 10 percent, shall be retained until such time as the project is 50 percent completed. If at that time progress of the work has been satisfactory, there will be no additional retainage.

#### F. Completion of Contract—Final Check:

The date of the final payment upon completion of contract shall be determined from the date of execution of AIA Document G-704, Certificate of Substantial Completion, provided fulfillment of the list of items to be completed or corrected as specified in conjunction with the execution of the certificate is satisfactorily performed as agreed.



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# Architecture In The News

The theme for the October 6 - 9 convention of the Indiana Society of Architects, Kentucky Society of Architects, and the East Central Region, AIA, has been established as "The Future of Architecture", an in-depth study of the practice of architecture tomorrow. Two professional seminars will examine this drastically changing world of architecture and construction, with guidance from some of the outstanding authorities on this vital topic.

Needless to say, it will also be a 'fun' convention, with the horses running at Churchill Downs, a special breakfast golf tournament, and dinner, dancing and make-believe gambling aboard the Belle of Louisville as she glides romantically down the Ohio.

Setting for the convention itself will be the glorious Brown Hotel in downtown Louisville. So make your plans now to attend.

\* \* \*

In last month's roster, the name of JOHN D. MARTINDALE, Spy Run & Tennessee, Fort Wayne, was inadvertently omitted from the membership listing for the Central-Southern Indiana Chapter, AIA. We extend our apologies to Mr. Martindale.

\* \* \*

Mr. Wallace E. Jobusch, AIA, associate director of development planning at Purdue University, has been named director of development planning, succeeding the late R. T. Hamilton. Mr. Jobusch has been on the staff at Purdue since 1950, first as an architect in planning and engineering in the physical plant department, later as chief of planning and engineering, and associate director of development planning since 1963.

\* \* \*

The March, 1966, issue of the INDIANA ARCHITECT carried an article on "What is the Quest for Quality?" by Mr. Robert E. Koehler, reprinted from the September, 1965, issue of the AIA JOURNAL. In error, the initials AIA were appended to Mr. Koehler's name. Mr. Koehler is not an architect, but should have been correctly identified as Editor of the JOURNAL. Our apologies to Mr. Koehler.

Mr. Paul Spreirgen, AIA, director of Urban Design Programs for The American Institute of Architects, will be the keynote speaker for a one-day seminar on Urban Design — New Directions at the University of Notre Dame on Saturday, May 21st. The seminar is being held in conjunction with a membership meeting of the Northern Indiana Chapter, AIA, and a meeting of the Board of Directors of the Indiana Society of Architects.

Mr. Speiregen will speak at the Saturday evening banquet at the Morris Inn, following the afternoon seminar itself in the new Center for Continuing Education, also on the Notre Dame campus.

Panelist for the 2:30 seminar include Swedish Architect Mans Hagbert, Indiana State Senator Leonard Opperman from South Bend and Architect Paul Finfer, AIA, of Chicago. A ladies program will coincide with the seminar.

The ISA Board meeting will be at 10:00 A.M., and the NIC membership meeting will be at 2:00.

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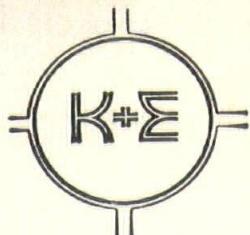
Mr. J. Parke Randall, AIA, has joined the Indianapolis architectural firm of Pecsok & Jelliffe, in the formation of a new architectural partnership under the firm name of Pecsok, Jelliffe & Randall, Architects. The firm's offices will remain at 660 Eas 46th Street, Indianapolis.

\* \* \*

The Lake Michigan Region Planning Council will sponsor an all-day seminar on "The Planning and Control of Shoreline Property Use for Lake Michigan" on Saturday, May 14th, at Wingspread in Racine, Wisconsin.

A panel of four professionals will discuss related aspects of this research project, which is being sponsored by a Sears Foundation grant in conjunction with the Department of Geography of the University of Chicago. Use of the facilities at Wingspread is being made available by the Johnson Foundation, and all participants at the seminar will be guests of the Johnson Foundation that day. All interested persons are invited to attend.





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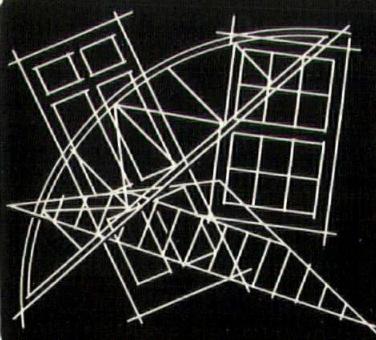
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# Architectural Exams Announced

Applicants for examination and re-examination for Junior Architectural Examinations are hereby notified by the **Indiana State Board of Registration for Architects** that the Junior Architectural Examination will be given Monday, Tuesday, Wednesday, and Thursday, June 13, 14, 15 and 16, 1966, at Purdue University, Indianapolis Campus, 1125 East 38th Street, Indianapolis, Indiana, in Rooms 250 and 252.

Applications for the written examinations must be filed by May 27th, 1966, two weeks prior to the date of examinations. Applications will be received at the office of the Board, Room 1002 State Office Building, 100 North Senate Avenue,

Indianapolis, Indiana.

To be eligible for examination, an applicant must have graduated from an accredited school of architecture and have gained after graduation a total of one year's practical experience in an architect's office; or have completed ten years' practical experience working under the immediate supervision of a registered architect and have gained no formal architectural education at a recognized school; or have a combined total of education and experience which in the opinion of the Registration Board equals the experience and educational requirements above.



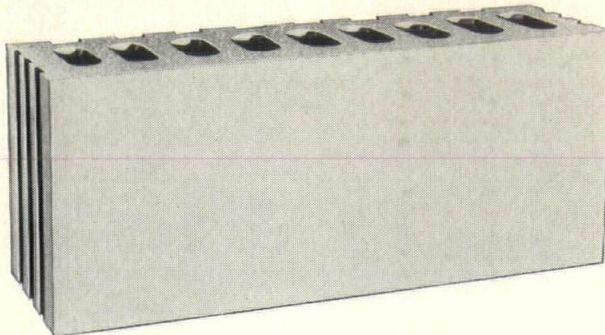
## SCHEDULE OF EXAMINATIONS

**June 13th - 16th, 1966**

**Purdue University, Indianapolis Campus, Rooms 250 and 252  
1125 E. 38th Street, Indianapolis, Indiana**

DATE	TIME (E.S.T.)	EXAMINATION	MONITOR
MONDAY, JUNE 13th	8:00 A.M. to 11:00 A.M.	HISTORY (Exam C)	Charles J. Betts, FAIA
	11:00 A.M. to 12:00 Noon	LUNCH	
	12:00 Noon to 5:00 P.M.	STRUCTURAL DESIGN (Exam G)	William G. Rammel, AIA
TUESDAY, JUNE 14th	8:00 A.M. to 8:00 P.M. (EnLoge)	ARCHITECTURAL DESIGN (Exam E)	James O. Johnson, AIA
WEDNESDAY, JUNE 15th	8:00 A.M. to 11:00 A.M.	PROFESSIONAL ADMINISTRATION (Exam H)	Charles J. Betts, FAIA
	11:00 A.M. to 12:00 Noon	LUNCH	
	12:00 Noon to 5:00 P.M.	SITE PLANNING (Exam D)	Walter Scholer, Sr., FAIA
THURSDAY, JUNE 16th	8:00 A.M. to 11:00 A.M.	BUILDING CONSTRUCTION (Exam F)	James L. Walker, Jr., AIA
	11:00 A.M. to 12:00 Noon	LUNCH	
	12:00 Noon to 5:00 P.M.	BUILDING EQUIPMENT (Exam I)	James L. Walker, Jr., AIA

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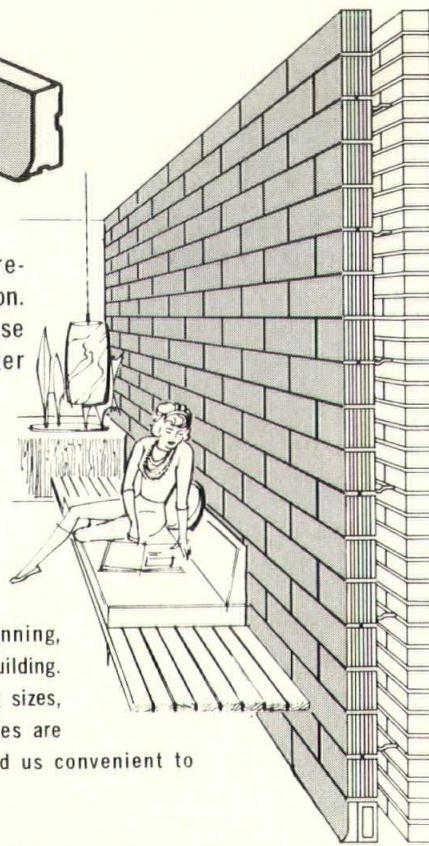
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## **Art Exhibit Announced**

ISA President Alfred J. Porteous, AIA, and Mr. Spiro Anthanas, Director of the Talbot Art Gallery, 115 East 21st Street, Indianapolis, have announced the establishment of a rotating art exhibit sponsored by the Gallery at the new ISA office at 300 East Fall Creek Parkway in Indianapolis.

The exhibition of paintings and sculpture, which opened April 15th, will be changed each ninety days and will feature primarily work by Indiana artists. A listing of the art on exhibit will be carried each month in the INDIANA ARCHITECT.

Included in the initial exhibit are seven paintings or prints and one piece of metal sculpture. The works are:

**TIDAL WAVE** by Amanda Block (Lithograph) \$70.00

**ORANGE FLOWERS** by Mary Beth Edelson (Tempora) \$75.00

**STRIKE HERE** by Ben Mahmoud (Oil) \$250.00

**RED ABSTRACT** by Beverly Snodgrass (Oil and Enamel) \$75.00

**BOAT AND CANAL** by Loren Dunlap (Water Color and Chalk) \$300.00

**SELF-PORTRAIT** by Robert Eagerton (Water Color Collage) \$125.00

**ABSTRACT** by Robert Berkshire (Tempora) \$65.00

**EQUAL OPPOSITION** by Robert Youngman (Iron Sculpture) \$300.00

The cooperating exhibition was established to promote stronger relationships between artists and architects and to re-emphasize the artistic heritage of architecture. All of the artwork is for sale and can be purchased from the Talbot Gallery.